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العلوم وتكنولوجيا المعلومات	الكلية
العلوم الأساسية	القسم
أستاذ مشارك	الرتبة الأكاديمية
2002	تاريخ الحصول عليها
الفيزياء	التخصص
Environment, pavement friction, plasma, math lab and statistics	الاهتمامات البحثية
PHD	درجة الدكتوراة أو الماجستير
30 سنة	الخبرة
<p>1. <b>Title:</b> Pressure dependence of the Electrical Resistivity and the Ionization Energy of CrIn-type Inp. <b>Authors:</b> D.N.Nichols, I.Odeh and R.J.Sladek. <b>Published in :</b> Solid State Comm., Vol. 34,1980.</p> <p>2. <b>Title:</b> The Effects of Concentration of Some Superconducting Properties of Small Grain Systems of <math>(\text{Gd Ba}_2\text{Cu}_3\text{O}_{(7-\delta)})</math> Embedded in Solid Epoxy. <b>Authors:</b> N.Y. Ayoub, I. Khalil, M.S. Dababneh, A.K Abdallah, I. M. Odeh and M. B. Maple. <b>Published in :</b> J. of Phys. Condensed Matter 3 (1991) 4967.</p> <p>3. <b>Title:</b> Comparison between the Magnetization Obtained From Faraday Balance and VSM or SQUID. <b>Authors:</b> M. Dababneh, I. Odeh, A. El Ail, N. Y. Ayoub.</p>	الأبحاث المنشورة والكتب المؤلفة

**Published in:** IEEE Trans. on Mag. 28 (1992) 2453.

4. **Title:** Viscosity, Resistivity and Surface Tension Measurements of  $\text{Fe}_3\text{O}_4$  Ferrofluid.

**Authors:** M. S. Dababneh, N. Y. Ayoub, I. Odeh and N. M. Laham.

**Published in:** Journal of Magnetism and Magnetic Materials 125 (1993) 34.

5. **Title:** The Magnetic Properties of a Uniform - Size Fine particle Ferrofluid in the Dimer Model in Three Dimensions.

**Authors:** N. Y. Ayoub, A. Shamoun, A. K. Abdallah, I. M. Odeh and N.M. Laham.

**Published in:** Journal of Magnetism and Magnetic Materials 127 (1993) 75.

6. **Title:** Stability of  $\text{Fe}_3\text{O}_4$  Ferrofluid in Gravitational and Uniform Magnetic Fields.

**Authors:** M. S. Dababneh, H. A. Saleh, N. Y. Ayoub, A. K. Abdallah, and I. Odeh.

**Published in:** Dirasat, Jordan. Vol. 21B, No. 4, (1994) 181.

7. **Title:** The Effects of the Magnetic Field on the Curie Temperature of A Dilute Ferrofluid.

**Authors:** I. Odeh, A. K. Abdallah, M. Dababneh, N. M. Laham and N. Y. Ayoub.

**Published in:** The Arabian Journal of Science and Engineering Saudi-Arabia, Vol. 19, No 4A, (1994) 697.

8. **Title:** The Effect of Magnetostatic Dipole-Dipole Interaction of the Initial Susceptibility of Two Dimensional of Fine Particle Assembly.

**Authors:** A. K. Abdallah, I. Odeh, M. Dababneh, N. M. Laham and N. Y. Ayoub.

**Published in:** Mu'tah Lil - Bahooth Wa Al - Dirasat, Jordan, Vol. 9, No. 1, May (1994) 255.

9. **Title:** Finite Bandwidth Effects on Raman Back Scattering in Inhomogenous Plasma.

**Authors:** Nabile M. Laham, Ahmed M. Khateeb, Nabil Y. Ayoub, Asad K. Abdallah, Isam M. Odeh and Munir S. Dababneh.

**Published in:** Jap. Journal of App. Phys., Vol 3, No. 1, Jan. (1995) 297.

10. **Title:** Magnetic Method for the Determination of the Exact Concentration for a Fine Particle System.

**Author:** I. M. Odeh.

**Published in :** Mu'tah Lil - Bohooth Wa Al - Dirasat, Vol 11, No. 3, P.169, Jordan (1996).

**11.Title:** Effect of Finite Bandwidth on the Two - Plasmon Decay.

**Authors:** N. M. Laham, A. M. Khatteb and I. M. Odeh.

**Published in:** Arabian Journal for Science and Engineering, Saudi - Arabia, Vol.22,No.2A,P165.

**\*\*The followings have been published after Promotion:**

**12.Title:** The two-plasmon decay of an extraordinary electromagnetic wave in a magnetized homogeneous plasma.

**Authors:** N.M. Laham , A.M. Al-khateeb, A,S, Al Nasser, and I.M. Odeh

**Published in:** Physics of plasma. Vol.7,No.10 Oct.2000. P (3993- 3997).

**13: Title:** Quality Assurance and Quality Improvements “the case of the Arab Open University (Aou)

**Authors:** Ahmad Mashal, Issam Odeh and Mofeed Abu-Mosa

**Published in:** Journal of Emerging Trends in Educational Research and Policy studies (JETERAPS). June Edition, Volume3, Number 3, 2012.

**14: Title:** Longitudinal Coupling impedance for particle beams with Gaussian

change distribution in the longitudinal and transverse directions.

**Published in:** Canadian Journal of Physics pp 597-605 volume 88, Number 8, 2010.

**Authors:** Sondos Okoor, A.M. AL-Khateeb, I. M. Odeh.

**15: Title:** Chemical Investigation and Quality of Urban Dew Collections with Dust precipitates

**Author:** Isam Odeh <sup>1</sup>, Sharif Arar <sup>2</sup>, Afnan Al-Hunaiti <sup>3</sup>, Hiyam Sa'aideh <sup>4</sup>, Ghadah Hamad <sup>4</sup>, Jonathan Duplissy <sup>5,6</sup>, Henri Vuollekoski <sup>6</sup>, Antti Korpela <sup>7</sup>, Tareq Hussein <sup>7</sup>

**Submitted for:** Publication in Environmental Science and Pollution Research. (ISI) Journal

**16: Title:** The Use of Plastic Waste Materials in Construction Applications

**Author:** Fawzi Gharagheer, Issam Odeh, Subhi Bazlamit\

**Published in:** International conference Environmental Design and

Innovation Held at Alzaytoonah University  
of Jordan May 16-18 2016

**17: Title:** Paper 16 has been submitted for the  
Journal of Civil Engineering  
(Scopus) Journal

**18: Title:** Activity Pattern of Urban Adult  
students in an Eastern  
Mediterranean Society

**Author:** Issam Odeh and Tareq Hussein

**Published in:** International Journal  
Environ. Res. Public Health **2016**,  
13, 960; doi:

10.3390/ijerph13100960 ( ISI) Journal

**19: Title: Ph.D has been published by  
NASA under**

**<http://adsabs.harvard.edu/abs/1986PhDT>**